

Table 3-1

**Summary of Data Quality Objectives**  
**Range 4A Fog Oil Storage Area - Pelham Range**  
**Fort McClellan, Calhoun County, Alabama**

Potential Data Users	Available Data	Conceptual Site Model	Media of Concern	Data Uses and Objectives	Data Types	Analytical Level	Data Quantity
EPA, ADEM USACE, DOD FTMC, IT Corporation, other contractors, and possible future land users	None	<u>Contaminant Source</u> Range 4A Fog Oil Storage Area	<u>Surface soil</u>	SI to confirm the presence or absence of contamination in the site media	<u>Surface soil</u> TCL VOCs, TCL SVOCs, and TAL Metals	Definitive data in CESAS Level B data packages	5 direct-push soil samples + QC
		<u>Migration Pathways</u> Infiltration to subsurface soil, infiltration and leaching to groundwater, dust emissions and volatilization to ambient air, and runoff and erosion to surface soil.	<u>Subsurface Soil</u>		<u>Subsurface Soil</u> TCL VOCs, TCL SVOCs, and TAL Metals	Definitive data in CESAS Level B data packages	5 direct-push soil samples + QC
		<u>Potential Receptors</u> Groundskeeper (future), construction worker (future), recreational site user (future), on-site resident (future).	<u>Groundwater</u>	Definitive quality data for future decision- making	<u>Groundwater</u> TCL VOCs, TCL SVOCs, and TAL Metals	Definitive data in CESAS Level B data packages	5 groundwater samples + QC
		<u>PSSC</u> Fog oil and other petroleum products (gasoline, diesel, oils, lubricants).	<u>Depositional Soil</u>		<u>Depositional Soil</u> TCL VOCs, TCL SVOCs, and TAL Metals	Definitive data in CESAS Level B data packages	3 depositional soil samples + QC

ADEM - Alabama Department of Environmental Management.  
CESAS - Corps of Engineers South Atlantic Savannah.  
DOD - U.S. Department of Defense.  
EPA - U.S. Environmental Protection Agency.  
FTMC - Fort McClellan.  
PSSC - Potential site-specific chemical.

QC - Quality control.  
SI - Site inspection.  
TAL - Target analyte list.  
TOC - Total organic carbon.  
USACE - U.S. Army Corps of Engineers.